

Converting Colors

Decimal(5064839)

Have a look what the booklet for
Decimal(5064839) contains.

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Color

Decimal(5064839)

Conversions

Conversions Part 1

Format	Color
Hex	4D4887
RGB	77, 72, 135
RGB Percent	30%, 28%, 53%
CMY	0.6980, 0.7176, 0.4706
CMYK	0.43, 0.47, 0.00, 0.47
HSL	245°, 30%, 41%
HSV	245°, 47%, 53%
XYZ	9.7511, 7.9618, 23.9445
YIQ	80.6770, -17.2430, 20.6530

Conversions

Conversions Part 2

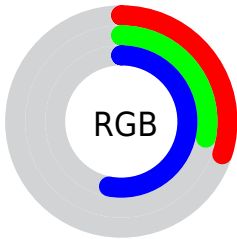
Format	Color
R _Y B	77, 72, 135
Decimal	5064839
CIE Lab	33.90, 18.97, -34.68
CIE LCh	34, 39.528, 298.676
Yxy	7.9618, 0.2341, 0.1911
Android (android.graphics.Color)	4283254919 (0xFF4D4887)
YUV	80.6770, 26.7812, -3.2247
Hunter-Lab	28.2166, 12.3070, -30.5616

Details

The Decimal color **5064839** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **8554312**, and the grayscale version is **5263440**.

A 20% lighter version of the original color is **8485309**, and **1645653** is the 20% darker color. If you saturate the color by 10%, you get **4275079**, and if you desaturate by 10%, it is **5854855**.

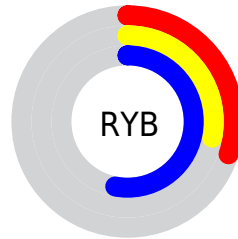
Distribution



Red (30%)

Green (28%)

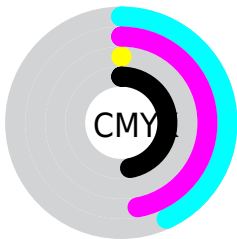
Blue (53%)



Red (30%)

Yellow (28%)

Blue (53%)

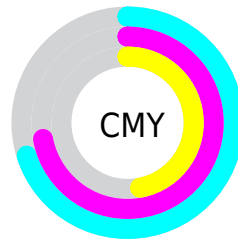


Cyan (43%)

Magenta (47%)

Yellow (0%)

Black (47%)



Cyan (70%)

Magenta (72%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5064839 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Decimal color 5064839 by changing the saturation by 10% instead.

■ 5064839

■ 5064839

16777215

■ 3420781

■ 8485309

■ 1645653

■ 10261209

■ 1341

■ 12037621

■ 807

■ 13945087

■ 272

■ 15787263

■ 0

■ 5064839

■ 5064839

■ 4275079

■ 5854855

■ 3419527

■ 6710151

■ 2629767

■ 7500167

■ 1774215

■ 8355463

■ 984455

■ 9145479

■ 721031

■ 10000775

■ 10790791

■ 11580551

■ 12436103

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



21647



5064839



7617137

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



5064839



7946777



24141

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



5064839



8554312

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



1137709



5064839



6376968

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



5064839



8860980



4347667



24173

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



5064839



8532829



4347667



24130

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



5064839



10065840



4752263



4934233



14277081



5855577

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



5064839



5590448



7096455



3947586



655490



3

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



8865922



11554216



6522696



4340802



8519800



196610

Previews

White Background



This preview shows how the Decimal color 5064839 looks on a white background.

Color Contrast Check

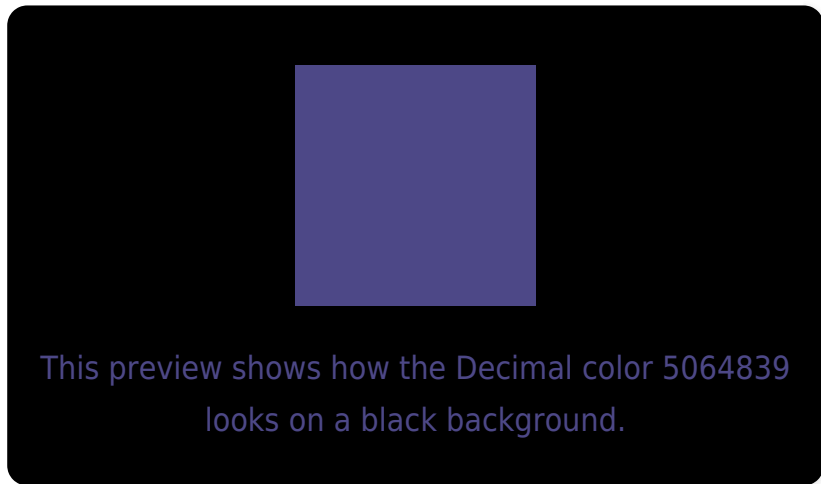
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

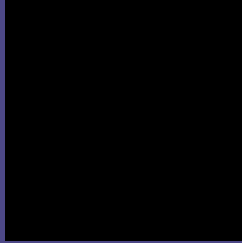
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Decimal 5064839 Background



This preview shows how black text looks on a background with the Decimal color 5064839.

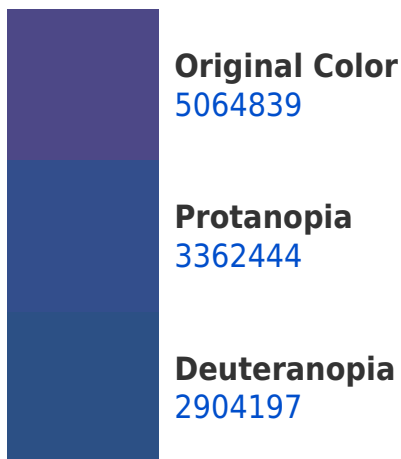


This preview shows how white text looks on a background with the Decimal color 5064839.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Tritanopia
4281177

Trichromacy



Original Color
5064839

Protanomaly
3951754

Deuteranomaly
3689862

Tritanomaly
4542314

Monochromacy



Original Color
5064839

Achromatopsia
5329233

Achromatomaly
5262949

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5064839 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #4D4887 looks like.

```
.text, #text, p{  
  color:#4D4887  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #4D4887 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D4887
}
```

Border

The CSS property to change the border of an element to Decimal 5064839 is called "border". The border property can be set on classes, ids or directly on the HTML element.

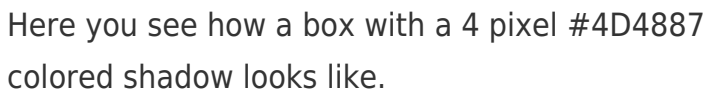
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4D4887 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#4D4887 }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel #4D4887 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D4887; -webkit-box-shadow:4px 4px  
4px 4px #4D4887; box-shadow:4px 4px 4px  
4px #4D4887 }
```

Background

The CSS property to change the background color of an element to Decimal 5064839 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D4887 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#4D4887 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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